

## ABSTRACT

The invention relates to the nucleic acid and polypeptide sequences of five novel human NOC2-related gene variants.

The invention also provides a process for producing the polypeptides  
5 of the variants.

The invention further provides a use of the nucleic acid and polypeptide sequences of the gene variants in diagnosing non-small cell lung cancer (NSCLC), in particular, large cell lung cancer.

Table 1. (continued)	
Variable	Mean (SD)
Age (years)	38.5 (10.5)
Gender	
Male	50 (50.0)
Female	50 (50.0)
Marital status	
Married	45 (45.0)
Single	55 (55.0)
Education (years)	12.5 (2.5)
Occupation	
Professional	10 (10.0)
Managerial	10 (10.0)
Clerical	10 (10.0)
Service	10 (10.0)
Unemployed	10 (10.0)
Retired	10 (10.0)
Other	10 (10.0)
Income (USD/month)	1,200 (200)
Health status	
Good	40 (40.0)
Fair	10 (10.0)
Poor	10 (10.0)
Smoking status	
Smoker	10 (10.0)
Nonsmoker	40 (40.0)
Alcohol consumption	
Regular	10 (10.0)
Occasional	10 (10.0)
Never	10 (10.0)
Exercise frequency	
Daily	10 (10.0)
Weekly	10 (10.0)
Monthly	10 (10.0)
Never	10 (10.0)
Stress level	
High	10 (10.0)
Medium	10 (10.0)
Low	10 (10.0)
Life satisfaction	
Satisfied	10 (10.0)
Dissatisfied	10 (10.0)
Overall health	
Excellent	10 (10.0)
Very good	10 (10.0)
Good	10 (10.0)
Fair	10 (10.0)
Poor	10 (10.0)